Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A data processing method comprising:

generating, with a client device, a particular form of a client-resident intermediate user interface (UI) for a server-based and client-side controlled application according to a UI format determined by a UI server, including supplementing a skeletal UI stored in a first memory location with one or more icons, labels or menu items, or combinations thereof, stored in a second memory location;

transmitting a number of source data items related to said server-based application from said UI server to said client device; and

populating at least one native UI control used by said intermediate UI with said number of source data items.

Claim 2 (currently amended) A method according to claim 1, further comprising the step of formatting characteristics of said intermediate UI based upon a number of device capabilities for said client device.

Claim 3 (original): A method according to claim 1, wherein said at least one native UI control is associated with an operating system for said client device.

Claim 4 (original): A method according to claim 1, further comprising the step of executing, at said UI server, said server-based application to manipulate source data items for presentment at said client device.

Claim 5 (currently amended): A method according to claim 1, further comprising the steps of:

generating an action request in response to a manipulation of said intermediate UI by a user of said client device; and

updating said intermediate UI in response to said action request.

Claim 6 (original): A method according to claim 1, further comprising the steps of:

performing an offline action by said client device while said client device is disconnected from said UI server;

subsequently establishing a session between said client device and said UI server; and

thereafter transmitting, from said client device to said UI server, a command indicative of said offline action.

Claim 7 (original): A method according to claim 6, further comprising the step of executing said command by said server-based application.

Claim 8 (original): A method according to claim 6, wherein:

said offline action modifies at least one of said source data items at said client device; and

said method further comprises the step of updating a corresponding number of source data items maintained by said UI server to reflect the modification of said source data items.

Claim 9 (original): A method according to claim 1, further comprising the step of maintaining a shadow cache at said UI server, said shadow cache including a list of source data items transmitted from said UI server to said client device.

Claim 10 (original): A method according to claim 1, further comprising the step of saving said number of source data items in a client cache resident at said client device.

Claim 11 (original): A method according to claim 10, further comprising the step of removing client cache items to accommodate said number of source data items.

Claim 12 (original): A method according to claim 11, wherein said removing step selectively removes said client cache items according to a hierarchical preference scheme.

Claim 13 (original): A method according to claim 1, further comprising the steps of:

sending a client action command related to said server-based application from said UI server to said client device; and

executing said client action command by said client device.

Claim 14 (original): A method according to claim 1, wherein said number of source data items represent a portion of a larger amount of related data available at said UI server.

Claim 15 (original): A method according to claim 14, wherein:

said larger amount of related data comprises a list of items; and

said number of source data items represents a subset of said list of items.

Claim 16 (original): A method according to claim 14, wherein:

said larger amount of related data comprises a document; and

said number of source data items represents a portion of said document.

Claim 17 (original): A method according to claim 14, wherein:

said larger amount of related data comprises an image; and

said number of source data items represents a portion of said image.

Claim 18 (original): A method according to claim 14, wherein:

said larger amount of related data comprises a body of text; and

said number of source data items represents a portion of said body of text.

Claim 19 (currently amended): A data processing method comprising:

defining a user interface (UI) form in response to a number of device capabilities for a client device;

storing said UI form locally at said client device;

saving a number of source data items locally at said client device, said number of source data items being related to a server-based application executed by a UI server; and

populating said UI form with said number of source data items, and

wherein said number of source data items comprises a smaller subset than a total number of source data items related to said server-based application, and wherein further subsets of said total number of source data items are downloadable based upon execution of one or more client-side controls.

Claim 20 (original): A method according to claim 19, further comprising the step of transmitting said number of source data items from said UI server to said client device.

Claim 21 (original): A method according to claim 19, wherein said defining step is performed by said UI server in response to a device identifier obtained from said client device.

Claim 22 (original): A method according to claim 19, further comprising the step of executing, at said UI server, said server-based application to manipulate source data items for presentment at said client device.

Claim 23 (original): A method according to claim 19, further comprising the steps of:

generating an action request in response to a manipulation of said UI form by a user of said client device; and

updating said UI form in response to said action request.

Claim 24 (original): A method according to claim 19, further comprising the steps of:

performing an offline action by said client device while said client device is disconnected from said UI server;

subsequently establishing a session between said client device and said UI server; and

thereafter transmitting, from said client device to said UI server, a command indicative of said offline action.

Claim 25 (original): A method according to claim 24, further comprising the step of executing said command by said server-based application.

Claim 26 (original): A method according to claim 24, wherein:

said offline action modifies at least one of said source data items at said client device; and

said method further comprises the step of updating a corresponding number of source data items maintained by said UI server to reflect the modification of said source data items.

Claim 27 (original): A method according to claim 19, wherein said saving step saves said number of source data items in a client cache resident at said client device.

Claim 28 (original): A method according to claim 27, further comprising the step of removing client cache items to accommodate said number of source data items.

Claim 29 (original): A method according to claim 28, wherein said removing step selectively removes said existing client cache items according to a hierarchical preference scheme.

Claim 30 (original): A method according to claim 27, further comprising the steps of:

updating said UI form in response to a manipulation of a display control rendered by said client device;

requesting an additional number of source data items from said UI server if said manipulation of said display control triggers a data request command; and

replacing source data items saved in said client cache with said additional number of source data items.

Claim 31 (original): A method according to claim 27, further comprising the steps of:

updating said UI form in response to a manipulation of a display control rendered by said client device;

retrieving additional source data items from said client cache in response to said manipulation of said display control; and

displaying said additional source data items in said UI form.

Claim 32 (original): A method according to claim 19, further comprising the steps of:

sending a client action command related to said server-based application from said UI server to said client device; and

executing said client action command by said client device.

Claim 33 (original): A method according to claim 19, wherein said defining step defines said UI form based upon said server-based application.

Claim 34 (original): A method according to claim 19, wherein said defining step defines said UI form with at least one native UI control stored locally at said client device.

Claim 35 (original): A method according to claim 19, wherein:

said UI server has access to a total number of source data items associated with said UI form; and

said number of source data items saved during said saving step represents a portion of said total number of source data items.

Claim 36 (original): A method according to claim 35, further comprising the steps of:

said UI server receiving a request for additional source data items; and

said UI server transmitting a subsequent portion of said total number of source data items to said client device in response to said request.

Claim 37 (original): A method according to claim 36, wherein said UI server receives said request from said client device in response to a manipulation of said UI form.

Claim 38 (currently amended): A data processing method comprising:

executing, at a user interface (UI) server, a server-based application configured to manipulate source data items for presentment at a client device;

displaying a <u>particular</u> UI form <u>of a client-resident intermediate UI</u> at said client device <u>according to a UI format determined by a UI server, including supplementing a skeletal UI stored in a first memory location with one or more icons, labels or menu items, or combinations thereof, stored in a second memory location</u>, said UI form being capable of presenting data items to a user of said client device;

generating [[an]] <u>a client-side controlled</u> action request in response to a manipulation of said UI form by a user of said client device; and

updating said UI form in response to said action request.

Claim 39 (original): A method according to claim 38, further comprising the steps of:

sending said action request from said client device to said UI server; and

processing said action request by said UI server.

Claim 40 (original): A method according to claim 38, further comprising the step of transmitting a number of source data items related to said server-based application from said UI server to said client device, said transmitting step being performed in response to said action request.

Claim 41 (original): A method according to claim 40, wherein said number of source data items represent a portion of a larger amount of related data available at said UI server.

Claim 42 (original): A method according to claim 41, further comprising the steps of:

requesting, from said UI server, said number of source data items in response to an initial manipulation of said UI form; and

subsequently requesting, from said UI server, an additional number of source data items in response to a further manipulation of said UI form; wherein

said additional number of source data items represent a second portion of said larger amount of related data.

Claim 43 (original): A method according to claim 38, further comprising the steps of:

said UI server receiving information representing new, deleted, or modified data items; and

said UI server transmitting, to said client device, push data representing said new, deleted, or modified source data items.

Claim 44 (original): A method according to claim 43, further comprising the step of said UI server sending, to said client device, a push notification corresponding to said push data.

Claim 45 (currently amended): A data processing method comprising:

generating a user interface (UI) form definition for a server-based application based upon a number of device capabilities for a client device;

instructing said client device to render a UI form corresponding to said UI form definition;

rendering said UI form with at least one native UI control associated with an operating system for said client device;

transmitting a number of data items from a UI server to said client device, said number of data items being related to said server-based application; and

displaying said number of data items in said at least one native UI control, and

wherein said number of source data items comprises a smaller subset than a total number of source data items related to said server-based application, and wherein further subsets of said total number of source data items are downloadable based upon execution of one or more client-side controls.

Claim 46 (original): A method according to claim 45, further comprising the step of specifying a command script corresponding to a manipulation of a UI control contained in said UI form, said command script being configured for execution by said client device.

Claim 47 (original): A method according to claim 46, further comprising the step of executing, by said client device, said command script in response to the manipulation of said UI control at said client device.

Claim 48 (original): A method according to claim 45, further comprising the step of saving said number of data items in a client cache resident at said client device.

Claim 49 (original): A method according to claim 48, further comprising the step of retrieving said number of data items from said client cache prior to said displaying step.

Claim 50 (original): A method according to claim 45, further comprising the step of requesting, from said UI server, said number of data items in response to a manipulation of said at least one native UI control.

Claim 51 (original): A method according to claim 45, wherein said number of data items represent a portion of a larger amount of related data available at said UI server.

Claim 52 (original): A method according to claim 51, further comprising the steps of:

requesting, from said UI server, said number of data items in response to an initial manipulation of said at least one native UI control; and

subsequently requesting, from said UI server, an additional number of data items in response to a further manipulation of said at least one native UI control; wherein

said additional number of data items represent a second portion of said larger amount of related data.

Claim 53 (currently amended): A distributed user interface (UI) architecture comprising:

a client device architecture comprising a UI module configured to generate a particular form of a client-resident intermediate UI for a server-based and client-side controlled application according to a UI form definition, by supplementing a skeletal UI stored in a first memory location with one or more icons, labels or menu items, or combinations thereof, stored in a second memory location, and to populate at least one native UI control used by said intermediate UI with source data items; and

a UI server architecture comprising a server send module configured to transmit, to said client device architecture, a number of source data items related to said server-based application; wherein

said UI module populates said UI control with said number of source data items.

Claim 54 (original): A distributed UI architecture according to claim 53, wherein said UI server architecture further comprises a UI formatting module that generates said UI form definition based upon a number of device capabilities for a client device that includes said client device architecture.

Claim 55 (original): A distributed UI architecture according to claim 53, wherein said client device architecture further comprises a client cache configured to store said number of source data items.

Claim 56 (original): A distributed UI architecture according to claim 55, wherein said UI server architecture further comprises a shadow cache configured to store data representing the contents of said client cache.

Claim 57 (original): A distributed UI architecture according to claim 55, wherein said client cache is further configured to store said UI form definition.

Claim 58 (original): A distributed UI architecture according to claim 53, wherein said number of source data items represent a portion of a larger amount of related data available to said UI server architecture.

Claim 59 (currently amended): A distributed user interface (UI) system comprising:

a client device having a client processing architecture and a client communication element configured to communicate with a compatible communication element; and

a UI server having a server processing architecture and a server communication element configured to communicate with said client communication element;

said client processing architecture being configured to:

transmit a device identifier to said UI server;

generate a UI form in accordance with a UI form definition; and

populate at least one native UI control with a number of source data items associated with a server-based application;

said server processing architecture being configured to:

receive said device identifier from said client device;

identify said UI form definition in response to said device identifier; and

send said number of source data items to said client device for rendering with said UI form, and

wherein said number of source data items comprises a smaller subset than a total number of source data items related to said server-based application, and wherein further subsets of said total number of source data items are downloadable based upon execution of one or more client-side controls.

Claim 60 (original): A system according to claim 59, wherein:

said client device includes a number of device capabilities related to UI characteristics; and

said server processing architecture is further configured to generate said UI form definition based upon said number of device capabilities.

Claim 61 (original): A system according to claim 59, wherein said client device further comprises a client cache configured to store said number of source data items.

Claim 62 (original): A system according to claim 59, wherein said client device further comprises a client cache configured to store said UI form definition.

Claim 63 (original): A system according to claim 59, wherein said number of source data items represent a portion of a larger amount of related data available at said UI server.

Claim 64 (original): A system according to claim 63, wherein:

said client processing architecture is further configured to request, from said UI server, said number of source data items in response to an initial manipulation of said UI form;

said client processing architecture is further configured to subsequently request, from said UI server, an additional number of source data items in response to a further manipulation of said UI form; and

said additional number of data items represent a second portion of said larger amount of related data.

Claim 65 (new): The method of claim 1, wherein said number of source data items comprises a smaller subset than a total number of source data items related to said server-based application, and wherein further subsets of said total number of source data items are downloadable based upon execution of one or more client-side controls.

Claim 66 (new): The method of claim 19, wherein said defined UI form comprises a particular form of a client-resident intermediate UI for a server-based and client-side controlled application according to a UI format determined by the UI server, and wherein generating the intermediate UI comprises supplementing a skeletal UI stored in a first memory location with one or more icons, labels or menu items, or combinations thereof, stored in a second memory location.

Claim 67 (new): The method of claim 38, wherein said number of source data items comprises a smaller subset than a total number of source data items related to said server-based application, and wherein further subsets of said total number of source data items are downloadable based upon execution of one or more client-side controls.

Claim 68 (new): The method of claim 45, wherein said generated UI form comprises a particular form of a client-resident intermediate UI for a server-based and client-side controlled application according to a UI format determined by the UI server, and wherein generating the intermediate UI comprises supplementing a skeletal UI stored in a first memory location with one or more icons, labels or menu items, or combinations thereof, stored in a second memory location.

Claim 69 (new): The method of claim 53, wherein said number of source data items comprises a smaller subset than a total number of source data items related to said

server-based application, and wherein further subsets of said total number of source data items are downloadable based upon execution of one or more client-side controls.

Claim 70 (new): The method of claim 59, wherein said UI form comprises a particular form of a client-resident intermediate UI for a server-based and client-side controlled application according to a UI format determined by the UI server, and wherein generating the intermediate UI comprises supplementing a skeletal UI stored in a first memory location with one or more icons, labels or menu items, or combinations thereof, stored in a second memory location.